PATENT COOPERATION TREATY

IAI	Entre Coordi		
From the INTERNATIONAL SEARCHING AUTHO	RITY		
To: STRÖM & GULLIKSSON IP	AB		PCT
Lindholmspiren 5 417 56 Göteborg		WRIT INTERNATION	TEN OPINION OF THE NAL SEARCHING AUTHORITY
		((PCT Rule 43bis.1)
		Date of mailing (day/month/year)	2 2 -12- 2004
Applicant's or agent's file reference		FOR FURTHER AC	CTION
p16791pc/mh			See paragraph 2 below
International application No.	ternational filing date	e (day/month/year)	Priority date (day/month/year) 26-09-2003
International Patent Classification (IPC) or	both national classifi	cation and IPC	
G01J1/42			
Applicant			
ALBAX SYSTEMS AB ET AL	, 1		
1. This opinion contains indications relation	ng to the following it	ems:	
Box No. I Basis of the opinion	on		
Box No. II Priority			
		gard to novelty, inventiv	ve step and industrial applicability
Box No. IV Lack of unity of i			
Box No. V Reasoned statement applicability; cita	ent under Rule 43bis. tions and explanation	.1(a)(i) with regard to nonessupporting such state	ovelty, inventive step or industrial ement
Box No. VI Certain documen	ts cited		
Box No. VII Certain defects in	the international ap	plication	
Box No. VIII Certain observati	ons on the internatio	nal application	
	A and the chosen IP	EA has notified the Inte	Milmorm Burous and a service (-)
	onsidered to be a wri appropriate, with ame opiration of 22 montl	itten opinion of the IPE.	A, the applicant is invited to submit to the piration of 3 months from the date of mailing
3. For further details, see notes to Form	PCT/ISA/220.		
Name and mailing address of the ISA/SE		Authorized officer	
Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM		Anna Lundq	vist /itw
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/SE 2004/001238

	101/01/2001/
ox No. I	Basis of this opinion
Liabit wa	to the language, this opinion has been established on the basis of the international application in the language in s filed, unless otherwise indicated under this item.
This	sopinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 23.1(b)).
. With regard	I to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the vention, this opinion has been established on the basis of:
a. type of	
	a sequence listing
	table(s) related to the sequence listing
	
b. format o)
	in written format
	in computer readable form
*4	S Slip // fyrnishing
c. time of	filing/furnishing contained in the international application as filed.
닐	filed together with the international application in computer readable form.
닏	
	furnished subsequently to this Authority for the purposes of search.
	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Addition	al comments:
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/SE 2004/001238

ox No. V Reasoned statement to applicability; citation	s and explana	bis.1(a)(i) with regard to novelty, inventive step or industrial tions supporting such statement	<u> </u>
. Statement Novelty (N)	Claims Claims	1-15	_ YES _ NO
Inventive step (IS)	Claims Claims	1-15	_ YES _ NO
Industrial applicability (IA)	Claims Claims	1-15	_ YE

Citations and explanations:

The invention relates to a semiconductor detector for comprises radiation, electromagnetic semiconductor junction formed by a layer arranged on a substrate.

Documents cited in the International Search Report:

'Theory and Design of a Tapered Line Distributed Photodetector' av Jin-Wei Shi och Chi-Kuang Sun, Journal of Lightwave Technology, Vol 20, no 11, nov 2002, p. 1942-1950

D2: JP2000275455

D3: US5900631

The cited documents represent the general state of the art. The invention defined in claims 1-15 is not disclosed by any of these documents.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed detector for detecting electromagnetic radiation. Therefore, the claimed invention is not obvious to a person skilled in the art. Accordingly, the invention defined in claims 1-15 is novel is considered to involve an inventive step.

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/SE 2004/001238

Box No. VII Certain defects in the international application

The following defects in the form or content of the international application have been noted:

The claim 4 should refer to claim 3 as "the second electrode" is mentioned in claim 3 for the first time. Claim 6 should be corrected for the same reason.